

second recurrent nervure unites with the transverse cubital nervure, by which character it may be readily distinguished from *amoenus*. Length $5\frac{1}{2}$ lines.

Hab.—Ottawa (Billings). Coll. Am. Ent. Soc.

6. *COLEOCENTRUS PETTITI*.—Female. Black, somewhat shining; wings yellowish-hyaline, nervures black, honey-yellow at base, areolet small, triangular, petiolated; legs honey-yellow, coxae and posterior tibiae black, posterior tarsi yellow, dusky at base; abdomen broad at apex, which is compressed and shining; ovipositor as long as body. Length $6\frac{1}{2}$ lines.

Hab.—Grimsby, C. W. (Pettit). Coll. Am. Ent. Soc. In this genus the last ventral segment is long and lanceolate, as in *Arotas*, but which has the areolet of anterior wings wanting.

This fine species is respectfully dedicated to Johnson Pettit, Esq., of Grimsby, to whom I am indebted for many specimens of Canadian Hymenoptera.

7. *RHYSSA CANADENSIS*.—Female. Black, shining; anterior orbits, interrupted on each side of antennae, palpi and tegulae white; antennae brownish at tip and beneath; mesothorax coarsely transversely rugose; metathorax with a broad, deep, longitudinal channel on the disk; wings hyaline, faintly stained with yellowish, nervures black, pale at base, as well as extreme base of stigma, areolet minute, petiolated, sometimes reduced to a mere point; legs bright honey-yellow, tips of all the tarsi, extreme tips of posterior femora, and base and apex of their tibiae, fuscous, middle of tibiae pale; abdomen long, minutely transversely aciculate; ovipositor longer than body, piceous, sheaths black. Length 7-8 lines.

Hab.—Quebec (Couper). Coll. Am. Ent. Soc. Mr. Couper informs me that this insect was found "boring into a pine tree."

8. *EPHIALTES MACER*.—Female. Slender, black, shining, with short, thin, glittering, cinereous pile; cheeks and sides of thorax polished; clypeus reddish; palpi whitish; metathorax with a shallow central channel; tegulae, and sometimes a short line in front, whitish; wings hyaline, beautifully iridescent, nervures brown, areolet triangular; legs honey-yellow, front coxae, except dusky spot in front, their trochanters, and apex of four posterior trochanters, whitish; tips of posterior femora, their tibiae and tarsi more or less dusky, the tibiae more or less pale at middle and within, and sometimes the middle tibiae and tarsi are varied with dusky, the posterior coxae in one specimen are dusky behind; abdomen long, cylindrical, surface uneven, densely punctured and somewhat shining, subpubescent, posterior margin of the segments unevenly transversely wrinkled, first segment shorter than second, the second to fifth one-third longer than wide; ovipositor twice, sometimes nearly four times longer than body. very slender, rufous, sheaths